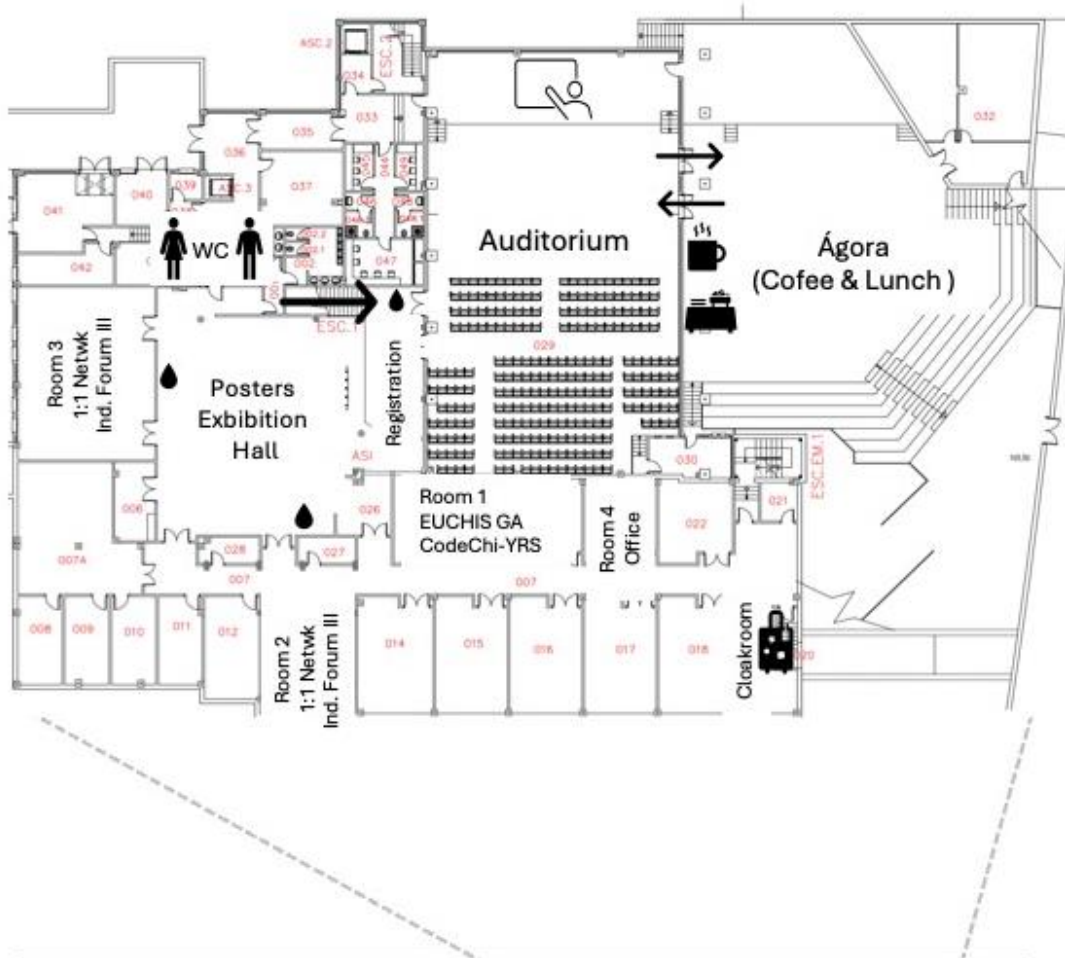


15th 
EUCHIS
2026 | International Conference of
the European Chitin Society

Floor plan and venue

Centro Social Universitario – Floor -1



Venue:

Centro Social Universitario - Floor -1
C. Ana María Matute, 2
Universidad de Murcia
Campus de Espinardo, Edificio nº 29
30100 Murcia



Venue's
main entrance

EUGHIS 2026 Conference & CodeChi-YRS

Plenary	Invited / Prize	Oral contribution	Social / breaks / special
Sunday 10.05.2026			

Time	Duration	Session	Details
19:00	2:00	Ice breaker	Hotel Nelva

Monday 11.05.2026

Time	Duration	Session	Details
08:00	1:00	Registration	Registration desk at Centro Social Universitario
09:00	0:15	EUGHIS Conference Inauguration	Auditorium
09:15	0:40	Plenary (PL1)	Bruno Moerschbacher - University of Münster, Germany <i>The coming age of chitosans</i> Abstract 108 Session 1 Chairs: Laurent David and Inmaculada Aranaz
09:55	0:40	Plenary (PL2)	Vincent Eijsink - Norwegian University of Life Sciences, Norway <i>Lytic polysaccharide monoxygenases (LPMOs) - from fundamental insights to application in chitin valorization</i> Abstract 106
10:35	0:15	Oral contribution (OC1)	Veronika Novikova - Institute of Macromolecular Compounds, Russia <i>Low-molecular-weight chitosan-prednisolone conjugates for sustained drug delivery to the inner ear</i> Abstract 28
10:50	0:15	Oral contribution (OC2)	Saeede Pouri - Universidad Complutense de Madrid, Spain <i>Crustacean and squid chitosan cause changes in rat aorta vascular tone</i> Abstract 52
11:05	0:30	Coffee Break	Ágora
11:35	0:25	Invited speaker (IL1)	Már Másson - University of Iceland, Iceland <i>The quantitative molecular weight-antimicrobial activity relationship for chitosan</i> Abstract 72 Session 2 Chairs: Koro de la Caba and Ehab El-Awaad
12:00	0:15	Oral contribution (OC3)	Marcela Mihai - Petru Poni Institute of Macromolecular Chemistry, Romania <i>Chitosan based (bio)hybrid nanostructures</i> Abstract 54
12:15	0:15	Oral contribution (OC4)	Meng Pan - Newcastle University, United Kingdom

			<i>Achieving efficient crosslinking of chitosan-genipin hydrogels via Tween 80 micellar solubilization</i> Abstract 19
12:30	0:15	Oral contribution (OC5)	Mitsumasa Osada - Shinshu University, Japan <i>Evaluation of the physical properties of dried films obtained from crustacean shell and chitin nanofibers</i> Abstract 77
12:45	0:15	Oral contribution (OC6)	Helenne Bojorges - Institute of Agrochemistry and Food Technology (IATA-CSIC), Spain <i>Extraction-driven hierarchical architecture governs performance in chitin-based materials from <i>Agaricus bisporus</i> waste</i> Abstract 71
13:00	1:00	Lunch	Ágora
14:00	0:25	Invited speaker (IL2)	Hans Merzendorfer - University of Siegen, Germany <i>The role of Codec in structural and functional organization of the peritrophic matrix</i> Abstract 67 Session 3 Chairs: Mar Masson and Anayancy Osorio-Madrazo
14:25	0:15	Oral contribution (OC7)	Vanya Loroach - Novochizol SA, Switzerland <i>Cracking the chitosan code in agriculture : easier with precision nanoparticles?</i> Abstract 40
14:40	0:15	Oral contribution (OC8)	Anca Hemenean - Vasile Goldis Western University of Arad, Romania <i>Chitosan scaffolds functionalized with graphene oxide direct osteogenesis via the Runx2–BMP–ECM pathway</i> Abstract 50
14:55	0:30	Coffee Break	Ágora
15:25	0:25	Invited speaker (IL3)	Waldo M. Argüelles-Monal - Center for Research in Food and Development (CIAD), Mexico <i>Thermosensitive chitosan derivatives. Understanding the relationships between structure and properties</i> Abstract 116 Session 4 Chair: Ángeles Heras Caballero
15:50	0:15	Oral contribution (OC9)	Christian Gorzelanny - University Medical Center Hamburg-Eppendorf, Hamburg, Germany <i>Chitinase-3-like protein 1 links inflammation and tissue regeneration through interaction with the extracellular matrix</i> Abstract 117
16:05	0:05	Conference Foto	At Centro Social Universitario main staircase
16:10	1:20	Posters	Exhibition Hall
17:30	2:00	Excursion to Jumilla	Pick up in front of Centro Social Universitario

Tuesday 12.05.2026

Time	Duration	Session	Details
08:45	0:40	Plenary (PL3)	Koro de la Caba - University of the Basque Country, Spain <i>The performance of membranes prepared with chitin or chitosan for water remediation</i> Abstract 105 Session 5 Chairs: Magdalena Gierszewska and Christian Gorzelanny
09:25	0:25	Invited speaker (IL4)	Shinsuke Ifuku - Kyoto University, Japan <i>Property control and functional expression of partially deacetylated nanochitin with various organic acid counter ions: Antibacterial activity and hydrogel formation</i> Abstract 49

09:50	0:25	Invited speaker (IL5)	Luis López-Llorca - University of Alicante, Spain <i>Chitosan is a key Hub for controlling fungal development and crop immunity: stress can be good to you</i> Abstract 92
10:15	0:15	Oral contribution (OC11)	Carlota Imelmann - University Medical Center Hamburg-Eppendorf, Germany <i>Role of Chitinase-3-like protein 1 in immune regulation of human keratinocytes responding to fungal infection</i> Abstract 18
10:30	0:15	Oral contribution (OC12)	Hamza Malik - Ghent university, Belgium <i>Engineering microbial systems for controlled in vivo chitooligosaccharide production</i> Abstract 29
10:45	0:15	Oral contribution (OC13)	Guillermo Portillo Pérez - Aarhus University, Denmark <i>Effect of chao- and kosmotropic natural Deep eutectic solvents on the chitin separation and from <i>H. illucens</i> pupae molt shells</i> Abstract 51
11:00	0:30	Coffee Break	Ágora
11:30	0:25	Invited speaker (IL6)	Luminita Marin - Petru Poni Institute of Macromolecular Chemistry, Romania <i>Chitosan hydrogelation with monoaldehydes: A simple route to biomaterials with tailored properties</i> Abstract 99 Session 6 Chairs: Andrij Pich and Ivy Razonado
11:55	0:15	Oral contribution (OC14)	Soraya Rodríguez-Rojo - University of Valladolid, Spain <i>Hydrothermal- and acid hydrolysis-derived chitin particles for pickering emulsions stabilization: A comparative study.</i> Abstract 6
12:10	0:15	Oral contribution (OC15)	Ngesa Ezekiel Mushi - University of Dar es Salaam, United Republic of Tanzania <i><i>Illex Argentinus</i> pen chitin-protein fibrous nanocomposite: microstructure and flexural properties</i> Abstract 59
12:25	0:15	Oral contribution (OC16)	Linus Steigbauer - Technical University Bergakademie Freiberg, Germany <i>Light matters: The photoresponsive properties of chitosan(s)</i> Abstract 56
12:40	0:15	Oral contribution (OC17)	Kathrivel Ganesan - Institute of Frontier Materials on Earth and in Space, Germany <i>Facile preparation of polyethylene glycol-functionalized chitosan aerogel particles</i> Abstract 76
12:55	1:00	Lunch	Ágora
13:55	0:25	Invited speaker (IL7)	Magdalena Gierszewska - Nicolaus Copernicus University in Toruń, Poland <i>From chitosan to food packaging: the role and perspectives of various deep eutectic solvents</i> Abstract 83 Session 7 Chair: Waldo Argüelles-Monal
14:20	0:15	Oral contribution (OC18)	Kecheng Li - Chinese Academy of Sciences, China <i>Structure-dependent bioactivities of well-defined chitooligosaccharides</i> Abstract 93
14:35	0:20	Distinguished speaker (DL)	Marguerite Rinaudo - University of Grenoble Alpes, France <i>pH as a Key Regulator of Chitosan/DNA Complexes Stability and Gene Delivery Efficiency</i> Abstract 46
14:55	0:20	Braconnot Prize Invited Speaker (BP)	Margareta Hellmann - University of Münster, Germany <i>Hide and seek: The fungal pathogen <i>Cryptococcus neoformans</i> uses chitosans to evade human immunity</i> Abstract 89 Chair: Bruno Moerschbacher

15:15	1:15	Coffee/Posters	Ágora/Exhibition Hall
16:30	-	EUCHIS Assembly	Room 1 (Aula Didáctica -1.25)
19:00	-	Gala Dinner	Real Casino de Murcia

Wednesday 13.05.2026

Time	Duration	Session	Details
09:00	0:25	Invited speaker (IL8)	Marianne Hiorth - University of Oslo, Norway <i>The potential of chitosan coated liposomes for improving oral health</i> Abstract 111 Session 8 Chair: Hans Merzendorfer
09:25	1:35	Industry Forum - I	Auditorium Chair: Katja Richter
11:00	0:30	Coffee Break	Ágora
11:30	1:30	Industry forum – II	Room 2 (Aula Multiusos -1.13)/ Room 3 (Aula Multiusos -1.05)
13:00	1:00	Lunch	Ágora
14:00	0:55	Industry forum –III	Room 2 (Aula Multiusos -1.13)/ Room 3 (Aula Multiusos -1.05)
14:55	-	Closing ceremony	Auditorium

Satellite event: CodeChi 13.05.2026.

Venue: Aula Didáctica (Room 1 – 1.25)

Time	Duration	Session	Details
15:15	0:15	Welcome	Codex Programme Coordinator
15:30	0:30	Invited Lecture (CHI1)	Bart Thomma <i>Chitin, competition, and control: Antimicrobial functions of LysM Proteins across kingdoms</i> Chair: Hans Merzendorfer
16:00	0:30	Invited Lecture (CHI3)	Andrij Pich - RWTH Aachen University, Germany <i>Functional chitosan-based colloidal gels</i> Abstract 5
16:30	0:30	Invited Lecture (CHI2)	Jochen Zimmer <i>Structural insights into polysaccharide fibrillogenesis</i>
17:00	0:30	Invited Lecture (CHI4)	Yael Politi - Dresden University of Technology, Germany
17:30	0:40	Coffee/Posters	Canteen of Centro Social Universitario – Level 1
18:10	0:50	Women in Science	Chairs: Yael Politi, Angeles Heras, María A. Esteban, Mar Collado-González
19:00	-	End of CodeChi exhibition day	Room 1 (Aula Didáctica -1.25)
19:30		Social Dinner	

Satellite event: Young Research Symposium Thursday 14.05.2026

Venue: Aula Didáctica (Room 1 – 1.25)

Time	Duration	Session	Details
09:00	0:05	Welcome	-
09:05	0:15	Oral contribution (YR1)	Ehab El-Awaad - University of Siegen, Germany <i>Analysis of chito-protein interactions using grating-coupled interferometry</i> Abstract 112 Chair: Ehab El-Awaad. University of Siegen, Germany
09:20	0:15	Oral contribution (YR2)	Mathis Joly - Institut Charles Gerhardt Montpellier, France <i>Development of chitosan-based matrices for pharmaceutical semi-solid extrusion 3D printing</i> Abstract 36
09:35	0:15	Oral contribution (YR3)	Fuzhu Yang - Max Planck Institute of Colloids and Interfaces, Germany <i>Synthesis of chito-oligosaccharides with defined structure</i> Abstract 114
09:50	0:15	Oral contribution (YR4)	Anastasia Zubareva - Institute of Macromolecular Compounds, Russia <i>DEAE-modified chitosan-liposome hybrids for plasmid DNA delivery in aquaculture vaccination</i> Abstract 24
10:05	0:15	Oral contribution (YR5)	Mario Wegmann - University of Siegen, Germany <i>Chitin composition and modification in the Peritrophic Matrix of <i>Tribolium castaneum</i></i> Abstract 110
10:20	0:15	Oral contribution (YR6)	Vishnu Arumugan - Aalto University, Finland <i>Leveraging chitin-water interactions for scalable isolation of chitin nanocrystals</i> Abstract 82
10:35	0:55	Coffee/Posters	Exhibition Hall
11:30	0:15	Oral contribution (YR7)	Margareta J. Hellmann - University of Münster, Germany <i>Hide and seek: The fungal pathogen <i>Cryptococcus neoformans</i> uses chitosans to evade human immunity</i> Abstract 89 Chair: Margareta Hellmann. University of Münster, Germany
11:45	0:15	Oral contribution (YR8)	Timmy Richardo - University of Tübingen, Germany <i>Defined chitin oligomers elicit NLRP3 inflammasome-mediated IL-1β secretion and innate immune training in human macrophages and monocytes</i> Abstract 115
12:00	0:15	Oral contribution (YR9)	Jan Ludwig - University of Stuttgart, Germany <i>In vivo modulation of high-aspect ratio chitin rods in <i>Thalassiosira rotula</i></i> Abstract 45
12:15	0:15	Oral contribution (YR10)	Rubén Gil-Gonzalo - Complutense University of Madrid, Spain <i>Lipid nanoparticles coated with chitosan for curcumin encapsulation and their effect on wound healing</i> Abstract 70
12:30	0:15	Oral contribution (YR11)	Alexandra Großdorf - University Medical Center Hamburg-Eppendorf, Germany <i>Chitinase 3 like 1 coordinates chitin sensing by the innate immune system</i> Abstract 23
12:45	1:15	Lunch	Canteen of Centro Social Universitario – Level 1
14:00	0:15	Oral contribution (YR12)	Shaghayegh Jahangir - University of Bayreuth, Germany

			<i>Biom mineralized chitosan scaffolds and 3D bioprinting for applications in 3D cell culture and tissue engineering</i> Abstract 85 Chair: Shaghayegh Jahangir. University of Bayreuth, Germany
14:15	0:15	Oral contribution (YR13)	Lukasz Wujcicki - Silesian University of Technology, Poland <i>Eco-functional chitosan modified with 2,3-pyrazinedicarboxylic acid for efficient heavy metal removal: Insight into physicochemical properties and adsorption performance</i> Abstract 74
14:30	0:15	Oral contribution (YR14)	Vinolia Dmello - Center for Molecular Bioengineering (B CUBE), Germany <i>Mechanisms of chitin organisation in <u>Drosophila melanogaster</u> larvae</i> Abstract 53
14:45	0:15	Oral contribution (YR15)	Katharina Eickelpasch - University of Münster, Germany <i>Structure-function relationships of chitosans in plant disease resistance induction</i> Abstract 79
15:00	1:00	Coffee/Posters	- Exhibition Hall
16:00	0:15	Oral contribution (YR16)	Stefan Cord-Landwehr - University of Münster, Germany <i>Analytical tools to detect, quantify and localize chitin and chitosan in situ</i> Abstract 86 Chair: Ivy Ann Razonado. University of Lyon 1, France
16:15	0:15	Oral contribution (YR17)	Jordyn Ann Howard - Ingénierie des Matériaux Polymères, France <i>Characterization of polyampholyte chitosan hydrogels for peptide loading and sustained release</i> Abstract 9
16:30	0:15	Oral contribution (YR18)	Eugeniusz Świstuń - AGH University of Krakow, Poland <i>From pests to polymers: chitosan from forest insects collected during forest protection activities</i> Abstract 8
16:45	0:15	Oral contribution (YR19)	Soofia Khanahmadi - Institute for Molecular Biosciences, Germany <i>How the Structure of Chitooligosaccharides impacts their interactions with plant receptors and bioactivity mechanisms</i> Abstract 14
17:00	-	End of CodeChi/YRS	-

Poster contributions

PC1

Abstract ID: 1

Decoding interactions of mucin with chitosan oligomers and chitosans with varying pattern of acetylation

Francisco Goycoolea

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PC2

Abstract ID: 2

Physically- and covalently-crosslinked chitosan scaffolds for potential application in fish skin wound healing

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PC3

Abstract ID: 3

Chitosan as stabilizing agent for nanocarriers

Mar Collado-González

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PC4

Abstract ID: 5

Functional Chitosan-based Colloidal Gels

Andrij Pich

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PC5

Abstract ID: 7

Chitin/soy protein sponges for water remediation

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PC6

Abstract ID: 8

From pests to polymers: chitosan from forest insects collected during forest protection activities

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PC7

Abstract ID: 9

Characterization of Polyampholyte Chitosan Hydrogels for Peptide Loading and Sustained Release

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PC8

Abstract ID: 13

Chitin nanomaterials applied as a Pickering emulsion stabilizer

Min-Lang Tsai

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PC9

Abstract ID: 14

Structural Determinants of Chitosan Oligomers Govern Specificity Receptor-Mediated Plant Immune Activation

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PC10

Abstract ID: 15

Synthesis of Chitosan-Based Microgels as Tunable Carriers for RNA Delivery in Plants

Maria Bender

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PC11

Abstract ID: 16

Amphiphilic Chitosan–Corticosteroid Conjugates: Self-Assembled Nanocarriers with Tunable Drug Release for Local Anti-Inflammatory Therapy

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PC12

Abstract ID: 17

CHITIN AND CHITOSAN: TRENDS IN ECOFRIENDLY PACKAGING SOLUTIONS FROM A PILOT-SCALE POINT OF VIEW

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PC13

Abstract ID: 21

Insights into chitosan metabolism: deciphering the functional roles of fungal chitosanases

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PC14

Abstract ID: 23

Chitinase 3 like 1 coordinates chitin sensing by the innate immune system

Alexandra Großdorf

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PC15

Abstract ID: 24

DEAE-Modified Chitosan–Liposome Hybrids for Plasmid DNA Delivery in Aquaculture Vaccination

Anastasia Zubareva

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PC16

Abstract ID: 25

The role of chitosan in the intracellular survival and escape of *Cryptococcus neoformans* in monocytes

Sina Nabil

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PC17

Abstract ID: 26

High-efficiency chitin production from shrimp shells via *Bacillus*-assisted deproteinization and citric acid demineralization

Anthony Wang

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PC18

Abstract ID: 27

Reactive extrusion as an intensified route for chitin extraction and chitosan production from *Tenebrio molitor*

Giacomo Marra

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PC19

Abstract ID: 30

Chitosan based nanoemulsions as sustainable and safe strategy for the control of citrus canker

Jaiber H. R. Llanos

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PC20

Abstract ID: 31

The Bonding Behaviour of Chitosan Interpolyelectrolyte Complexes on Dissimilar Substrates

Paul Marten

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PC21

Abstract ID: 32

The Versatility of Chitosan Itaconate in Combination with lignocellulosic Materials

Nils Münstermann

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PC22

Abstract ID: 33

Comparative Assessment of Conventional and DES-Based Chitin Extraction from Marine Crustacean Waste

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PC23

Abstract ID: 34

Hexyl gallate-loaded O-carboxymethyl chitosan microgels for sustainable citriculture

Sonia García Embid

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PC24

Abstract ID: 35

Microfluidic preparation of chitosan nanoparticles with either negative or positive surface charge

Jana Mounzer

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PC25

Abstract ID: 36

Development of chitosan-based matrices for pharmaceutical semi-solid extrusion 3D printing

Mathis Joly

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PC26

Abstract ID: 37

Comparison of conventional and DES (deep eutectic solvents) methods for chitin extraction from various sources of seafood waste

Luen Zidar

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PC27

Abstract ID: 38

Development and assessment of a chitosan/polymer of β -cyclodextrin hydrogel for viscosupplementation and drug delivery in osteoarthritis

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PC28

Abstract ID: 39

Chitosan- κ -carrageenan-lysozyme nanoparticles (CS-CRG- κ /LZ) induces morphological changes on the in vitro growth of *Colletotrichum siamense*

Alma Carolina Gálvez Iriqui

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PC29

Abstract ID: 43

A Green Click–Unclick Strategy to Stabilize Antifungal Volatiles on Chitosan Particles via Reversible Imine Chemistry

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PC30

Abstract ID: 44

One-step coupling of aldehydes with primary amines in chitosan for the design of acid-stable antifungal pH-responsive sponges

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PC31

Abstract ID: 45

In vivo modulation of high-aspect ratio chitin rods in *Thalassiosira rotula*

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PC32

Abstract ID: 47

Electrospun nanofibrous structures based on chitosan for tissue engineering: from interactions to application strategies

Maguerite Rinaudo

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PC33

Abstract ID: 48

Chitosan Disrupts Fungal Cell Wall Homeostasis Through Coordinated Remodeling of Chitin-Dependent Architecture

Federico López

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PC34

Abstract ID: 53

Mechanisms of chitin organisation in *Drosophila melanogaster* larvae

Vinolia M Dmello

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PC35

Abstract ID: 55

Fluorescence Properties of a Novel Chitosan Derivative Based on Natural Plant Pigments

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PC36

Abstract ID: 57

HATU Coupling for Fast, Efficient, and Selective N-Acylation of Chitosan: DoE-Optimized Synthesis of Cationic Antibacterial Derivatives

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PC37

Abstract ID: 58

Hydrogels Based on Chitosan and Its Derivatives for Biomedical Applications: A Review

Processing, Characterization, and Biological Performance

Karol Kłosiński

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PC38

Abstract ID: 60

Source Matters: Spinning High-Performance Fibers from Marine, Fungal, and Insect Chitosan

Irina Kuznik

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PC39

Abstract ID: 61

Preparation, characterization and biological properties of N,N,N-Trimethyl chitosan (TMC) and TMC-chondroitin sulfate polyelectrolyte nanoparticles

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PC40

Abstract ID: 62

Chemical Modification of Chitosan with Maleic Anhydride and Glycerin for Tunable Biomedical Applications

Ranjana Thachangade

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PC41

Abstract ID: 63

Are Deep Eutectic Solvents suitable for enzymatic chitosan processing?

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PC42

Abstract ID: 66

Chitosan/Quaternized Chitosan Schiff Base Composites Developed for Hemostatic Wound Dressings

Bianca-Lustina Andreica

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PC43

Abstract ID: 68

Chitosan- cinnamaldehyde gels as antimicrobial tools against biodeterioration in cultural heritage

Griselda Pérez Ireta

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PC44

Abstract ID: 69

Bio-based, Compostable Printed Electrochromic Displays and Batteries from Quaternary Chitosan Derivatives

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PC45

Abstract ID: 70

Lipid nanoparticles coated with chitosan for curcumin encapsulation and their effect on wound healing

Ruben Gil Gonzalo

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PC46

Abstract ID: 73

Functional Iminochitosan Hydrogels for Emerging Biomedical Applications

Daniela Ailincăi

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PC47

Abstract ID: 74

Eco-Functional Chitosan Modified with 2,3-Pyrazinedicarboxylic Acid for Efficient Heavy Metal Removal: Insight into Physicochemical Properties and Adsorption Performance

Łukasz Wujcicki

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PC48

Abstract ID: 75

Bioactive Chitosan–Collagen Hydrogels via Dynamic Imine Bonds: A Novel Approach for Scar-Free Wound Healing

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PC49

Abstract ID: 76

Facile preparation of polyethylene glycol-functionalized chitosan aerogel particles

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PC50

Abstract ID: 78

Enzymatic upcycling of chitin-containing industrial biomass streams

Peter Elias Kidibule

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PC51

Abstract ID: 79

Structure–function relationships of chitosans in plant disease resistance induction

Katharina Eickelpasch

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PC52

Abstract ID: 80

Profiles of Chitinolyse from *Chitinbacter tainanensis* Analyzed by Electrophoresis

Chaolin Liu

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PC53

Abstract ID: 81

Laser Direct Infrared Spectroscopy for Chitin Determination in Human Reproductive Fluids

María del Carmen Pérez Álvarez

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PC54

Abstract ID: 82

Leveraging chitin-water interactions for scalable isolation of chitin nanocrystals

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PC55

Abstract ID: 84

Identification and Quantification of Chitin in Marine Organisms Using LDIR Spectroscopy

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PC56

Abstract ID: 85

Biomaterialized Chitosan Scaffolds and 3D Bioprinting for Applications in 3D Cell Culture

and Tissue Engineering

Shaghayegh Jahangir
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PC57

Abstract ID: 86

Analytical tools to detect, quantify and localize chitin and chitosan in situ

Stefan Cord-Landwehr
stefan.cordlandwehr@googlemail.com

PC58

Abstract ID: 87

Chitosan-Based Nanoparticles for Stable and Controlled RNA Delivery

Christian Willems
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PC59

Abstract ID: 88

Development and Characterization of Chitosan-Based Active Films Enriched with Protein Hydrolysates from Fish By-Products

Verónica Weng
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PC60

Abstract ID: 90

Hydrogels and electroactive tissue engineering biomaterials based on chitosan and alginate by 3D (bio)printing

Anayancy Osorio Madrazo
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PC61

Abstract ID: 91

Green solvents for β -chitin isolation

Inmaculada Aranaz
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PC62

Abstract ID: 94

In vivo immunological activity of chitosan-derived nanoparticles

Kecheng Li
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PC63

Abstract ID: 95

Antibacterial Chitosan-Coated Silicone Using Green Surface Functionalization

Daniel Amani
ama52@hi.is

PC64

Abstract ID: 96

Wet spinning of zirconium phosphate-loaded chitosan fibers

Ivy Ann Razonado
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PC65

Abstract ID: 97

Crystal Structure Based Loop Engineering of Chitin Oligosaccharide Deacetylase from Chitinolytic bacterial : *Vibrio harveyi* (VhCOD)

Sirikan Pongnan
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PC66

Abstract ID: 98

Chitin Deacetylation enables extracellular matrix maturation and function

Matthias Behr

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PC67

Abstract ID: 100

Swelling hydrogels based on chitosan derivatives grafted with metal chelatants

Juan Felipe Salazar

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PC68

Abstract ID: 101

Innovative biocatalysts based on chitosan derivatives and enzymes

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PC69

Abstract ID: 102

Chitosan derivatives and human serum albumin: Binding affinity as a function of temperature

Camelia Marandiş

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PC70

Abstract ID: 103

A Novel Chitosan-Based Polyampholyte Hydrogel for the Subcutaneous Delivery of Antibody-Drug Conjugates: From Physicochemical Characterization to Non-Human Primate Studies

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PC71

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A Green Route to Low-Molecular-Weight Polymers via Aspergillus Niger Fermentation

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Nanoparticles from a chito-library: Polyelectrolyte Ouzo nanoprecipitation window, size distribution and stability

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Molecular Weight-Dependent Functionalization of Ti3C2Tx MXene with Chitosan: Surface Chemistry and Composite Morphology

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Chitin composition and modification in the Peritrophic Matrix of Tribolium castaneum

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Analysis of chito-protein interactions using grating-coupled interferometry

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Exploring Chitin Sensing in Olive

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Synthesis of chito-oligosaccharides with defined structure

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Abstract ID: 115

Defined Chitin Oligomers Elicit NLRP3 Inflammasome-Mediated IL-1 β Secretion and Innate Immune Training in Human Macrophages and Monocytes

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